



REV LIMITER INFORMATION

Q. Why do we have to run a rev limiter in Stock and Improved stock class?

A. Manufactures and the ISR started to see a decline in stock class racing due to the uneven performance between brands. The biggest performance difference was in engine rpms. During the 11/12 ISR rules meeting it was decided that options like an rpm rev limiting device would be implemented for the 14/15 race season.

Q. Who makes the rev limiter?

A. KOSO manufacturing.

Q. What engine rpm does rev limiter start working at?

A. 6800 to 6900 rpm (average 6820 to 6840) on all engines.

Q. Why was 6800 to 6900 rpm chosen?

A. After testing it was found that most all stock sleds that have been properly set up for racing can attain this rpm. Also this rpm will keep speeds close to the current speeds.

Q. How will this affect gearing between sled brands.

A. As with all changes in race rules there will have to be some testing by race circuits to find an equal and fair gear ratio.

Q. How is the rev limiter powered?

A. The limiter uses a 9 volt battery. Testing during cold conditions has shown good battery life. It would be recommended to have a spare available.

As with all new rules in racing there will be challenges to overcome to make the changes required.

Remember all good racers have the ability to adapt to change.

REV LIMITER IDENTIFICATION



ALL – POLARIS

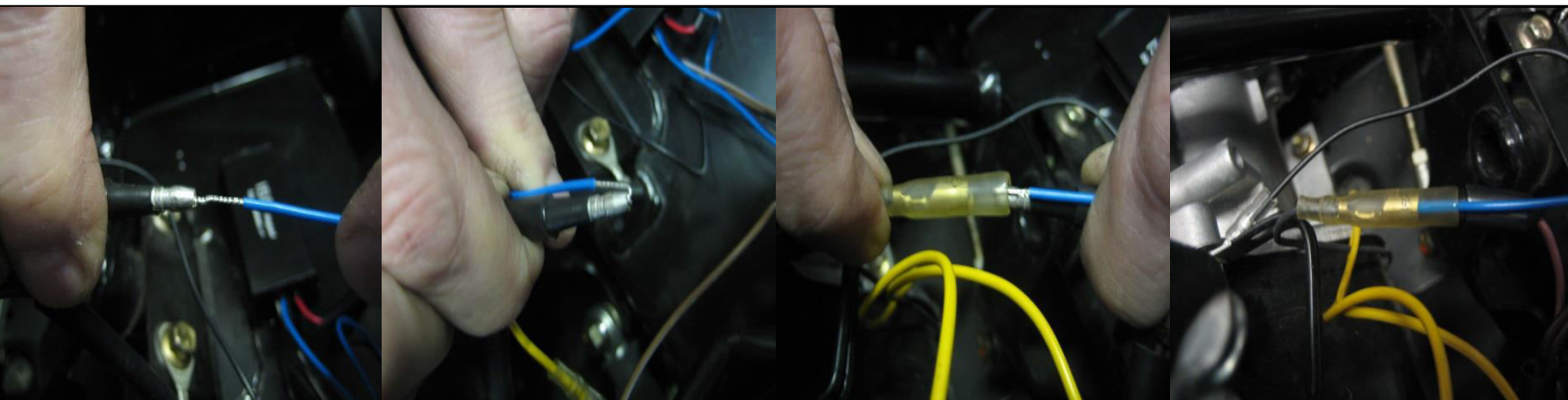
ALL – 2010 AND NEWER
YAMAHA/ARCITC CAT

ALL – SKIDOO MINI Z/MINI REV &
MXZ 120

2009 AND OLDER ARCTIC CAT Z/ZR



**MAKE SURE TO VERIFY YOU HAVE THE CORRECT
REV LIMITER BEFORE OPENING THE PACKAGE.**



REV LIMITER WIRES CAN BE INSTALLED 2 DIFFERENT WAYS, 1 BY HARD-WIRING OR 2
USING THE METHOD ABOVE.

WIRING FOR ALL ARCTIC CAT YAMAHA & SKIDOO 120'S

Rev limiter BLACK
wire connects to
engine

Rev limiter BROWN wire connects to
YELLOW engine wire
(Yamaha use white wire)

Rev limiter BLUE wire
connects to BLACK
engine kill wire

WIRING FOR ALL POLARIS 120'S

Rev limiter BLACK
wire connects to
engine

Rev limiter BLUE
wire connects to
BLACK engine kill
wire

Rev limiter BROWN wire
connects to YELLOW
engine wire

INSTALLATION WIRING INSTRUCTIONS

- *Install Rev Limiter using Velcro or Zip ties to a secure location.
- *Unplug headlight wire from back of headlight for proper Rev Limiter operation. Note: (ISR Legal)
- *Black wire from Rev Limiter must be grounded directly to engine.
- *Blue wire from Rev Limiter connects to Black engine kill wire. (On Polaris zip tie to hold in place)
- *Brown wire from Rev Limiter connects to Yellow wire on engine. (On Skidoo Honda engine use Pink wire) (On Yamaha engine use White wire)
- * When Rev Limiter is connected to 9v battery box, the limiter will be ON.